

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 28, line 27 and continuing to page 29, line 2 as follows:

~~(this is the parent application described above!!!)~~ Disclosed above are multiple means for determining the amount of fuel in a fuel tank. Using the SAW pressure devices of this invention, multiple pressure sensors can be placed at appropriate locations within a fuel tank to measure the fluid pressure and thereby determine the quantity of fuel remaining in the tank. This is illustrated in FIG. 21. In this example, four SAW pressure transducers 100 are placed on the bottom of the fuel tank and one SAW pressure transducer 101 is placed at the top of the fuel tank to eliminate the effects of vapor pressure within tank. Using neural networks, or other pattern recognition techniques, the quantity of fuel in the tank can be accurately determined from pressure readings from transducers 100, 101 in a manner similar that described above.